

CLAIMS

1. System for the production, control and use of identification, authentication or traceability coded markings, using threads or fibres with special properties, in particular magnetic, to be placed or inserted on or in a support, according to predefined lines, positions or areas, characterized in that it comprises:
  - 5 10 - a first database (2) creating, storing and transmitting codes, with encryption (in 6), triggered by the receipt of the commands (5) and controlling, in particular with regard to the quantity or length produced, at least one machine (7) for producing said threads or fibres;
  - 15 20 - a dedicated database (3), linked to the first database (2), which receives data concerning each production, and which controls at least one machine (9) for placing or inserting the threads or fibres on or in their support, controlling in particular the quantity of threads or fibres placed or inserted.
- 25 2. System according to Claim 1, characterized in that the codes are generated randomly by the first database (2).
- 30 3. System according to Claim 1 or 2, characterized in that the two databases (2, 3) are interlinked by a secured link (4).
- 35 4. System according to any one of Claims 1 to 3, characterized in that the codes are transmitted from the first database (2) to the dedicated database (3) continuously.
5. System according to any one of Claims 1 to 3, characterized in that the codes are transmitted

from the first database (2) to the dedicated database (3) periodically.

6. System according to any one of Claims 1 to 5,  
5 characterized in that the dedicated database (3) is linked to readers (10) associated with the users, each reader (10) receiving only the codes specific to the corresponding user, and being designed also to return to said database (3) an activity report.

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7. System according to any one of Claims 1 to 6, characterized in that it sends placement or insertion order forms, designed to accompany the threads or fibres produced, defining their disposition corresponding to the assigned coding, in particular by a code in encrypted form.

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